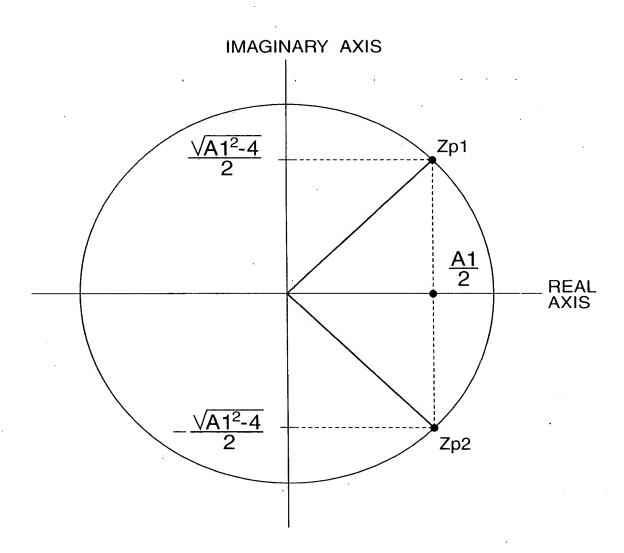


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Fig.2



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## Fig.3

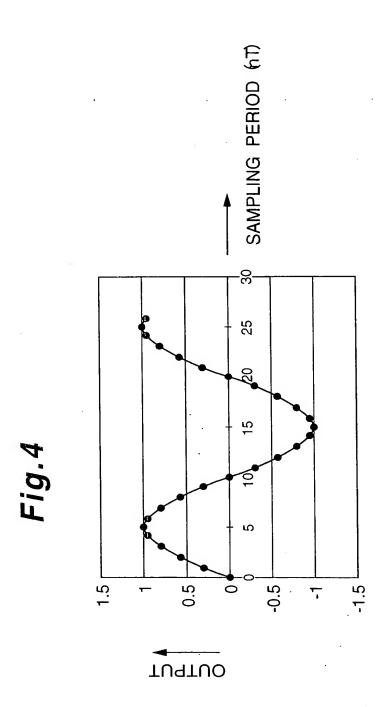
Fo (OUTPUT FREQUENCY)
Fs (SAMPLING FREQUENCY) 400 8000

A 1=2cos (ωT) A 2=1 B 0=s in (ωT)

1.902113033

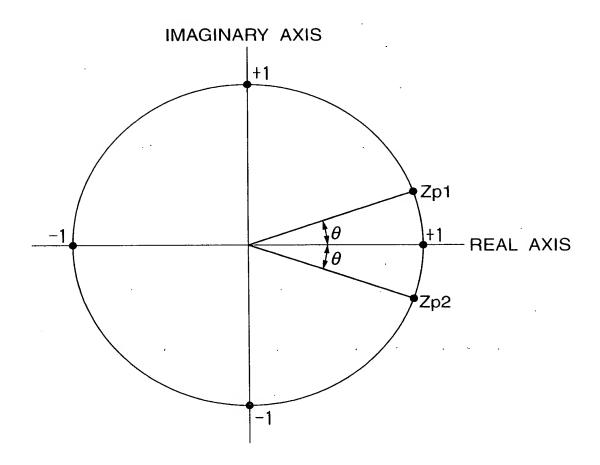
0.309016994

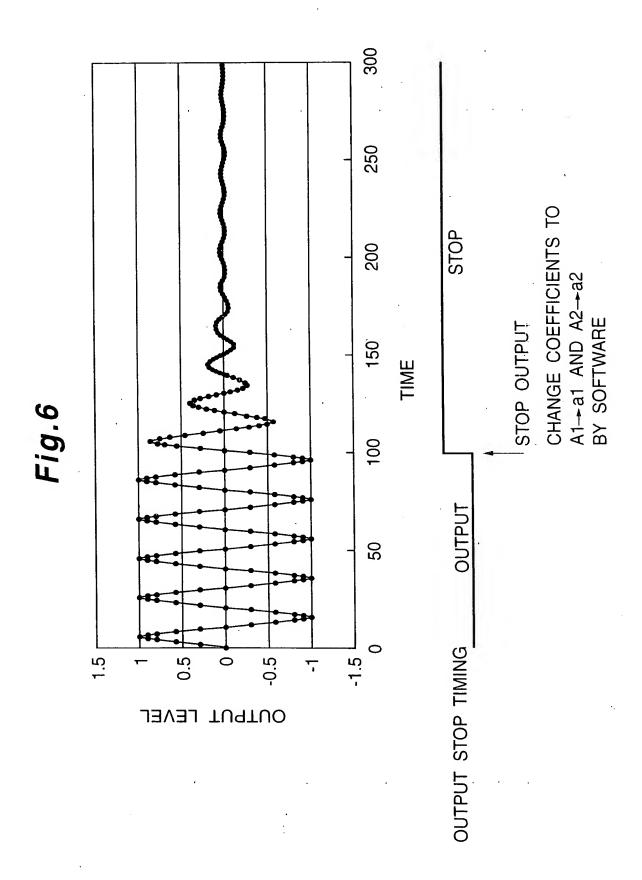
SAMPLE NO.	y [n]=A 1*y [n-1]-A 2*y [n-2]	y [n-1]	y [n-2]
0	0	. 0	0
1	0.309016994	0	0
2	0.587785252	0.309016994	0
3	0.809016994	0.587785252	0.309016994
4	0.951056516	0.809016994	0.587785252
5	1	0.951056516	0.809016994
6	0.951056516	1	0.951056516
7	0.809016994	0.951056516	1
	0.587785252	0.809016994	0.951056516
9	0.309016994		0.809016994
10	-1.88738E-15	0.309016994	0.587785252
11	-0.309016994		
12	-0.587785252	-0.309016994	-1.88738E-15
13	-0.809016994	-0.587785252	-0.309016994
14	-0.951056516	-0.809016994	
15	-1	-0.951056516	-0.809016994
16	-0.951056516	-1	-0.951056516
17	-0.809016994		-1
18	-0.587785252	-0.809016994	
19	-0.309016994		
20	2.88658E-15	-0.309016994	-0.587785252
21	0.309016994		
22	0.587785252		2.88658E-15
23	0.809016994		0.309016994
24	0.951056516		
25	1	0.951056516	
26	0.951056516	1	0.951056516



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Fig.5





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Fig.7

